

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/650,206	DAGG ET AL.	
	Examiner	Art Unit	
	Tiffany Webb	3616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/5/2005.
2. ☒ The allowed claim(s) is/are 10-18.
3. ☒ The drawings filed on 28 August 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance              |
|   | 9. <input type="checkbox"/> Other _____.   |

### DETAILED ACTION

1. Claims 1-9 have been canceled.
2. New claims 10-18 are allowed.
3. The examiner acknowledges the receipt of the amended specification and claims submitted on 12/5/2005.

### EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Laura Hargitt on 12/20/2005.

5. The specification has been amended as follows:
  - In the specification in equation 22 (paragraph 0053) " $(xc + R)^2 + (yc)^2 = R^2$ " has been changed to read to  $-(xc + R')^2 + (yc)^2 = R'^2$ .
  - Also in the specification in paragraph 0053 line 3, "has the radius R" has been changed to --has the radius R'--.
6. The claims have been amended as follows:
  - In claim 11, line 2, the equation has been changed from " $(xc + R)^2 + (yc)^2 = R^2$ " to  $-(xc + R')^2 + (yc)^2 = R'^2$ .
  - In claim 11, line 7, "and R is a radius" has been changed to --and R' is a radius--.

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- In claim 14, line 11, "the involute surface" has been changed to --an involute surface--.
- In claim 14, lines 14-18 have been changed from "x(t) is an X-axis distance of the point of contact between the adjustment bolt and the contact surface from the nominal position point of contact as a function of t, and y(t) is a Y-axis distance of the point of contact between the adjustment bolt and the contact surface from the nominal position point of contact as a function of t" to read --x(t) is an X-axis distance of the point of contact between the adjustment bolt and the involute surface from the nominal position point of contact as a function of t and y(t) is a Y-axis distance of the point of contact between the adjustment bolt and the involute surface from the nominal position point of contact as a function of t--.
- In claim 15, line 4 "the adjustment bolt and the contact surface" has been changed to read --the adjustment bolt and the involute surface--.
- Claim 17, line 14, "the involute surface" has been changed to --an involute surface--.
- In claim 18, line 4 "the adjustment bolt and the contact surface" has been changed to read --the adjustment bolt and the involute surface--.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tiffany Webb whose telephone number is 571-272-2797. The examiner can normally be reached on 8-4:30 M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Dickson can be reached on 571-272-6669. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Tiffany Webb  
Examiner  
Art Unit 3616

tlw



PAUL N. DICKSON  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600